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UNIVERSITY OF TORONTO
UNIVERSITY EXTENSION
DIRECTOR: J·R·GILLEY · B·A·Sc·

COURSE
in
DIGITAL COMPUTER TECHNIQUES

This Course, which is offered in cooperation with the Director of the Computation Centre, Professor W. H. Watson, has been organized to provide a background for engineers who are interested in the components, organization and techniques of high-speed digital computers.

A selection from the following list of topics will be made according to the needs and interests of those who enroll.

1. General Organization of Digital Computers.
2. Binary Arithmetic.
3. Description of Logical Elements.
4. Switching Algebra.
5. Circuit Techniques of Logical Elements.
6. Storage Media.
7. Input – Output Techniques.
8. Arithmetic and Logical Units.
9. Machine Organization and Control.
10. Machine Reliability and Maintenance Techniques.

During the Course a demonstration visit will be made to Ferut, the high-speed digital computer in the Computation Centre, McLennan Laboratory.

COURSE COORDINATOR: Professor C. C. Gotlieb, M.A., Ph.D.
Chief Computer,
Computation Centre,
University of Toronto.

LECTURERS: The lecturers are Project Engineers at Ferranti Electric Limited.

C. G. Helwig, M.A.Sc.
D. K. Ritchie, M.A., B.A.Sc.
J. H. Williams, B.Sc.

Time: Tuesdays, 7:30 p.m.
Commencing January 11 – March 15. Ten Lectures.

Place: McLennan Laboratory, Room 106

Fee: $15.00

TELEPHONE: WAlnut 3-6611, LOCALS 18-21-22-23

"Lifelong Learning"